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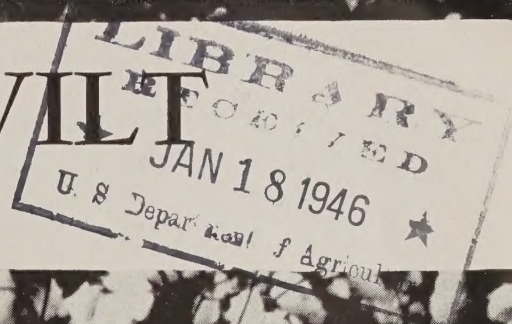
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COKER 100 WILT

Strain 5



COKER 100 WILT *Strain 5*

**A HIGHLY WILT RESISTANT, GENERAL PURPOSE COTTON
SUITED FOR WILT OR NON-WILT SOILS**

Our Coker 100 Wilt cotton variety was first offered to our customers in the spring of 1942, and as a result of its dependable performance it has received wide acceptance in the southeastern Cotton Belt. Already the major part of the cotton acreage in North and South Carolina is planted to this variety, and the acreage in Georgia, Alabama, Mississippi and Louisiana is rapidly expanding.

Coker 100 Wilt Strain 5 is the result of fourteen years of intensive selection and testing of many thousands of plants on wilt infested soils. Selections have been made on the basis of wilt resistance, yield, staple, picking quality, storm resistance, fiber strength and spinning quality.

This cotton combines more desirable qualities than any variety we have bred or tested during our forty-two years' experience in cotton breeding.

Adapted for One Variety Planting

We consider that Coker 100 Wilt is especially well suited for use in one variety communities in the Coastal Plains, Sandhills, and Piedmont for it is making record yields in these areas on both wilt and non-wilt land.

In the 1942 South Carolina 5-Acre Cotton Contest, Mr. E. M. Duncan of Pickens

County in the northern Piedmont section produced an all-time record yield for the state with Coker 100 Wilt. He produced 7,505 pounds of lint on 5 acres, or 1,501 pounds of lint per acre with a staple of $1\frac{1}{32}$ ".

In the 1944 South Carolina 5-Acre Cotton Contest, 225 five-acre plots were planted to this variety, and the average yield on the 1,125 acres was 781 pounds of lint per acre, stapling $1\frac{1}{32}$ ", with lint turnout of 37.3 per cent.

Excellent Picking Qualities for Hand or Machine Harvesting

The plant has medium thin foliage, and under normal conditions, the leaves ripen and shed as the cotton matures. The bolls ripen uniformly with a wide, fluffy opening. These qualities combine to make Coker 100 Wilt especially well suited for machine harvesting or hand picking, and to maintain a higher grade during adverse seasons.

Variety Test Record

This outstanding cotton has proven its worth not only on cotton farms throughout the Southeast, but has made an enviable variety test record in state conducted

Turn to page 4

Photo below shows Coker 100 Wilt Strain 5 growing on badly wilt infested soil. Cotton shown in foreground is our regular Coker 100 non-resistant strain. Both varieties were planted at the same time, and received identical treatment in seeding, fertilization and cultivation.

Photo top left, right hand page: Early season view of Coker 100 Wilt in center row and non-resistant strains on right. Top right: Late season view of Coker 100 Wilt showing non-resistant check row. Bottom: Illustrates excellent production and wide fluffy opening.



COKER'S PEDIGREED SEED COMPANY

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HARTSVILLE, S. C.

January 9, 1946

Librarian,
U. S. Department of Agriculture
Washington 25, D. C.

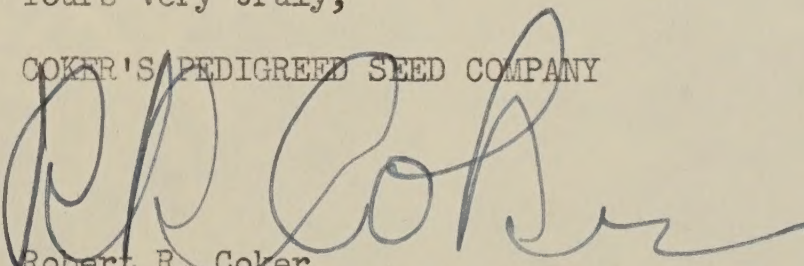
Dear Sir:

We have received your letter of January 2, and are glad to enclose copies of our Fall Grain Catalog, Tobacco Catalog, and descriptive folders on the cottons being offered this season. We did not publish a full cotton catalog this season.

We appreciate this opportunity of sending you information on our pedigreed planting seed.

Yours very truly,

COKER'S PEDIGREED SEED COMPANY


Robert R. Coker
Vice President



COKER 100 WILT *Strain 5*

(Continued from page 2)

tests from North Carolina to Mississippi and Louisiana.

We quote as follows from the 1944 variety test report of the Mississippi Agricultural Experiment Station:

"It should be noted that Coker 100 Wilt has performed good to well in nearly all tests in recent years, and on soil with mod-

erate wilt infestation is usually a top producer."

In a three year average of all tests conducted in South Georgia, 1942-44, on wilt infested soil, Coker 100 Wilt made the highest record of the seven cottons tested, and led all varieties in similar tests in north, central and south Alabama.

Good Spinning Quality

As a result of a four-year program in which thousands of individual plant and test row fiber analyses, and hundreds of spinning tests, have been made at leading government testing laboratories, we have been able to regularly improve the spinning quality of this variety. These tests continued from year to year give definite promise of constant improvement in these essential qualities.

One variety communities, county agents, cotton spinners, and others interested in standardized cotton production may be assured that our breeding program on this superior cotton has been laid out so as to insure a supply of seed of ever improving quality, and that this variety will be continued under its own name for many years to come.

Description

Plant—Erect, semi-determinate in type. Vigorous with more erect well spaced fruiting branches and two to four vegetative branches.

Foliage—Thin with deeply lobed medium sized leaves.

Season—Very early.

Bolls—Round ovate, slightly pointed, 70 to 72 to pound, open extremely wide and fluff beautifully yet storm resistant.

Lint Length— $1\frac{1}{32}$ " to $1\frac{1}{16}$ " under good conditions.

Lint Percent—37% to 39%.

Character—Excellent, uniform, strong.

Production—High.

Wilt Resistance—High.

Picking Quality—The best.

Average number seed per bushel—124,800.

PRICES: \$12.50 per 100-lb bag, \$220 per ton, F. O. B., Hartsville, S. C., and Memphis, Tenn.

All seed treated with Ceresan.

Coker 100 Wilt has won 21 of the 24 prizes offered in the 1942, 1943 and 1944 South Carolina Five-Acre Cotton Growing Contests.

CAUTION

Due to the development of apparently new races of wilt, complicated by adverse seasonal conditions, improper fertilization and the presence in some instances of the

deadly meadow nematode, no conscientious breeder can guarantee any wilt resistant cotton to survive on any wilt infested soils.

COKER'S PEDIGREED SEED COMPANY

The South's Foremost Seed Breeders

HARTSVILLE, SOUTH CAROLINA